

Fig. 1

Fig. 2

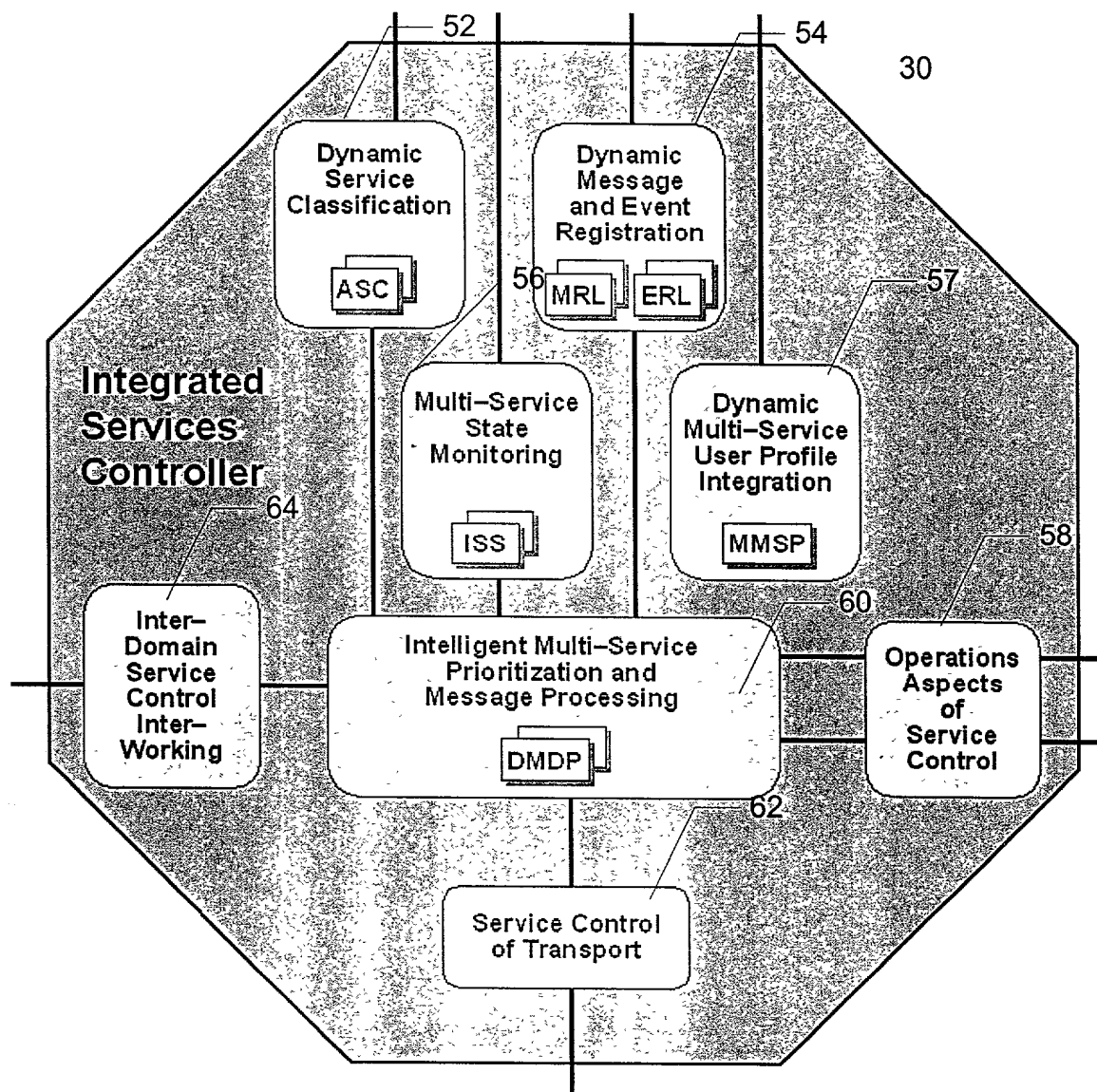


Fig. 3

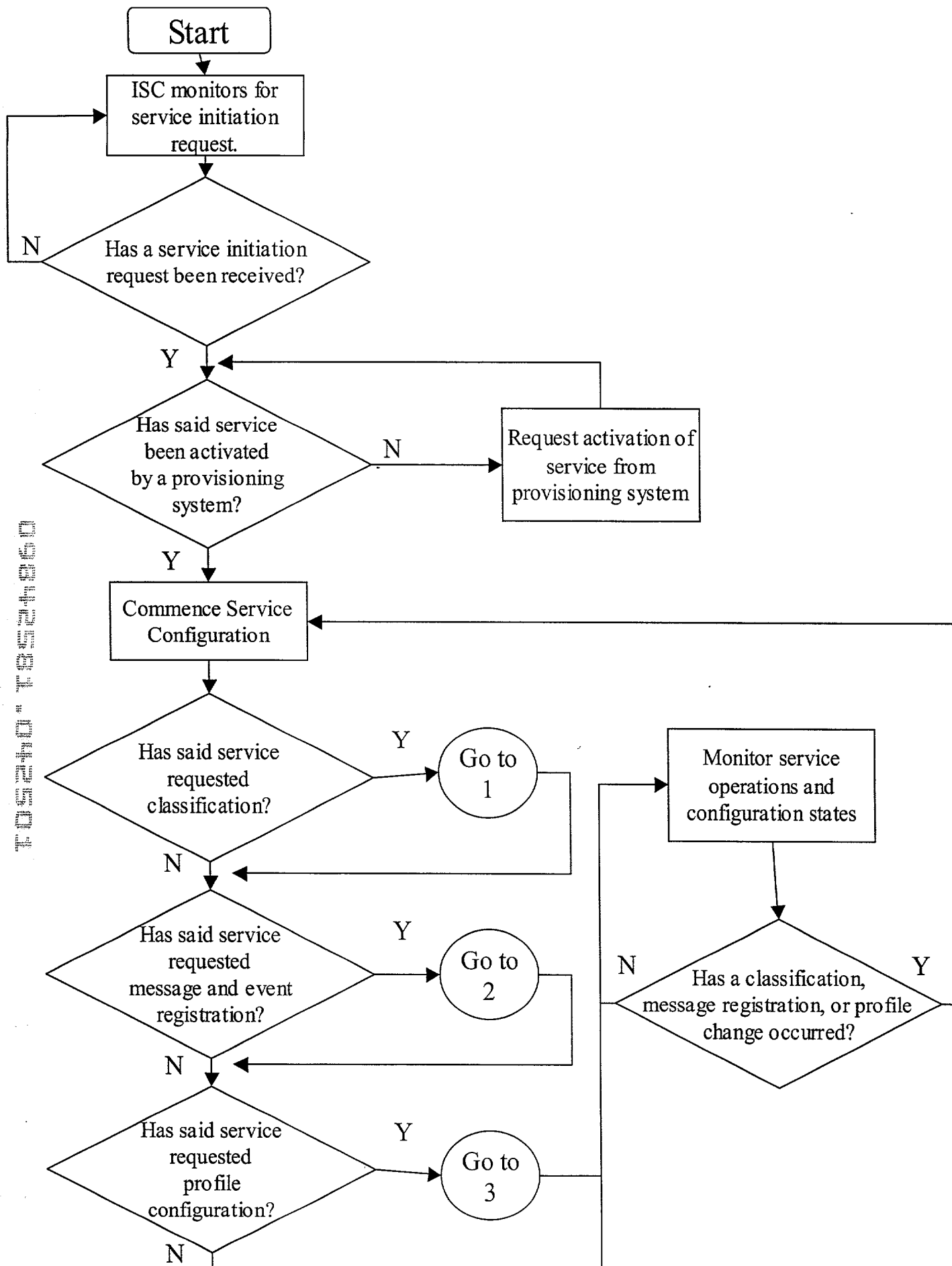


FIG. 4a

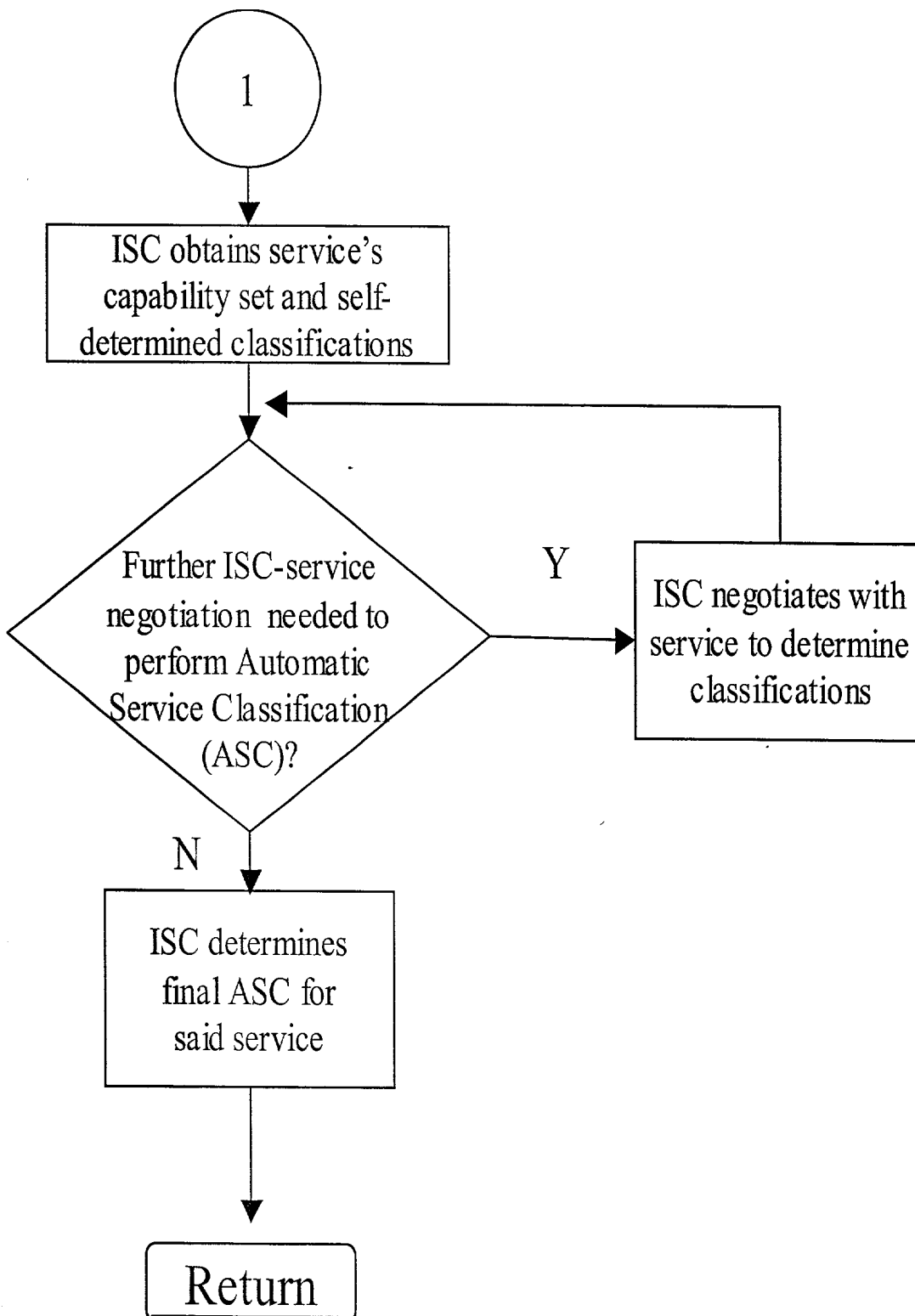


FIG. 4b

2

ISC obtains and stores
service's Message
Registration List (MRL)

ISC obtains and stores
service's Event Registration
List (ERL)

Compute and store
MRL-to-ERL mappings

Register ERL and/or MRL
with appropriate external
entities (e.g., ERL and MRL
with TAC)

For each message in MRL,
create (or update) associated
customer Dynamic Message
Distribution Prioritization
(DMDP)

Return

FIG. 4c

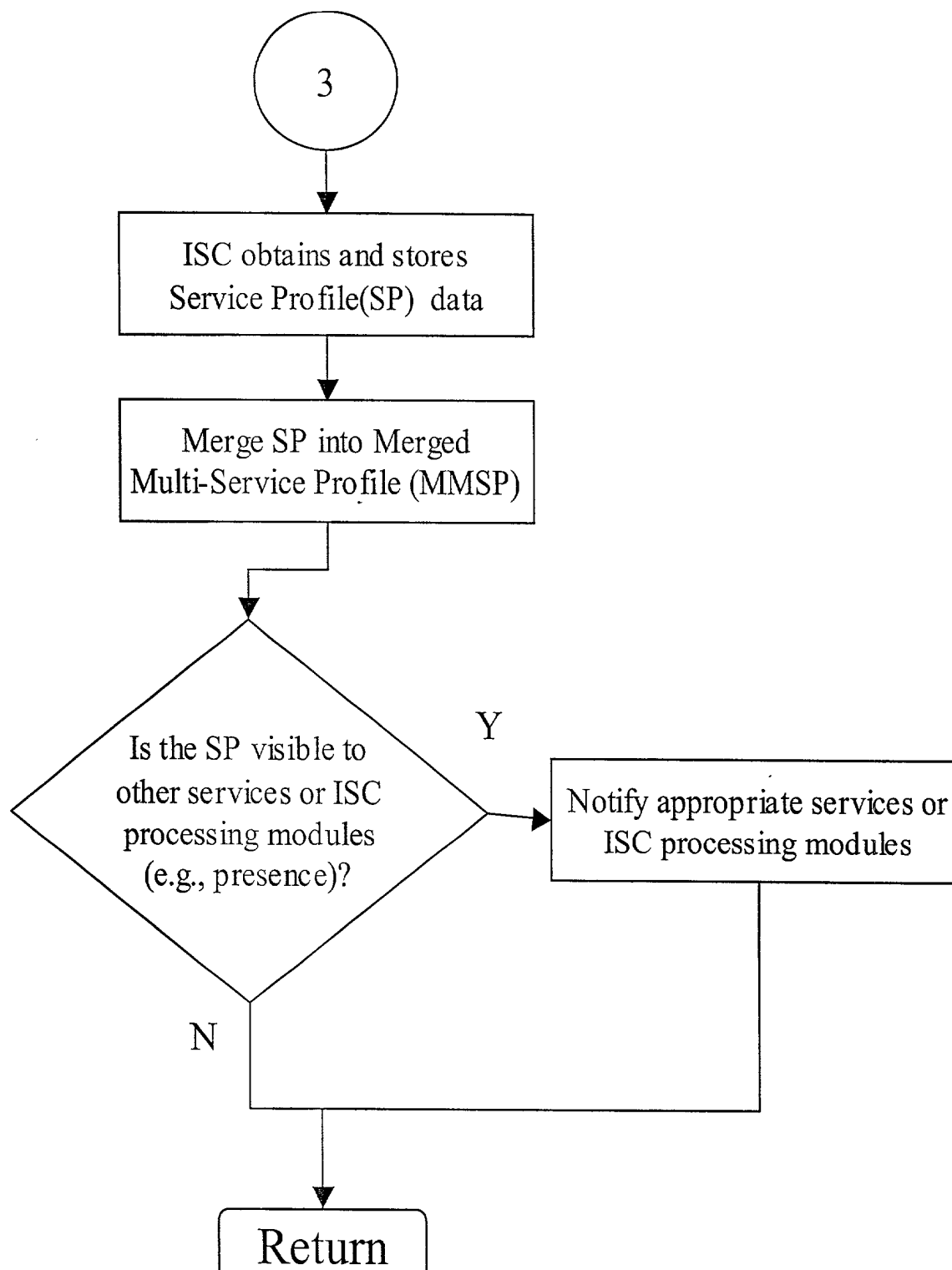


FIG. 4d

Figure 5: MMSP – Example Merged Multi-Service Service Profile:

MASTER Key Fields					Presence Service		Availability Service	Selective Call Forwarding Service		Priority Call Waiting Service		Do Not Disturb Service		Instant Messaging Service	No Solicitation Service	Other Service XYZ	
Visibility to Other Services	Global Service ID	Device Name	Device System ID	???	Device Location	Device State											Service Parameter 1
					Visible												
					LREFXB3975ZT												
		Kitchen Phone	XK87RW92K1		Home	ON											
		Bedroom Phone	XK87RT35B2		Home	OFF											
		Den Phone	XK87RP80D1		Home	ON											
		Mobile Phone 1	XK87RB31M1		Office	ON											
		Mobile Phone 2	XK87RG46M2		Travel	OFF											
Individual Name	Personal Phone Number (Home / Mobile)	Alternate Phone Number (Mobile, Pager, ...)	E-Mail Address	Internet (IP) Address	Business Phone Number												Other Parameters
						Activated									Activated		
Modifiability by Child ISC	Read-Only + ADD	Edit	Read-Only + ADD	Read-Only + ADD	Edit												
						NO	YES										
Jennifer Smith	532-690-5910	532-894-1230	Jsmith@univise.net	943.32.05.032	532-742-8234												
Konor Baguandu	723-940-7393	723-672-0049	Konor@qwes.t.net	732.00.32.532													
Cheryl Vermille	493-883-6219	948-405-1120	Cvermi@galactic.com	211.43.88.534	948-233-8429												
Christopher Johnson	303-494-3290	303-023-1029	Chris.johnson@qwest.net	131.77.35.957	303-541-7070												
Bilutu Mashita	297-403-0492	297-593-9340	Bilutu.mashita@qwest.net	683.11.55.433													

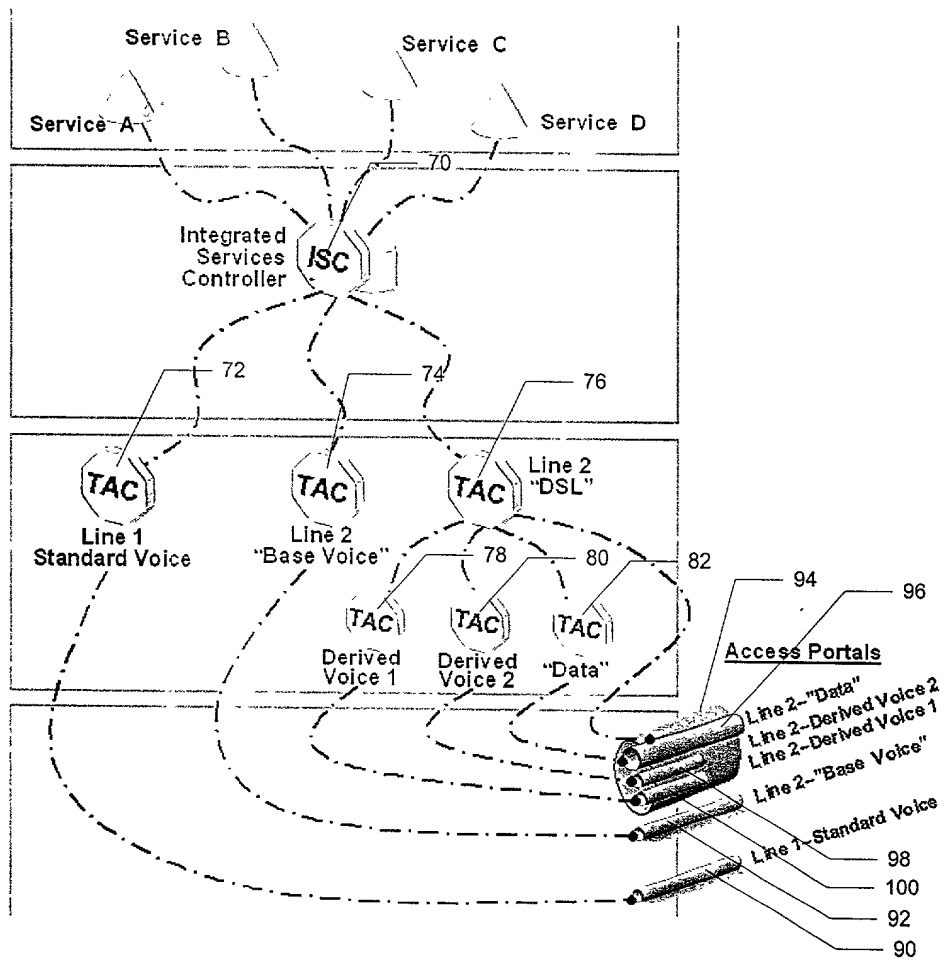


Fig. 6

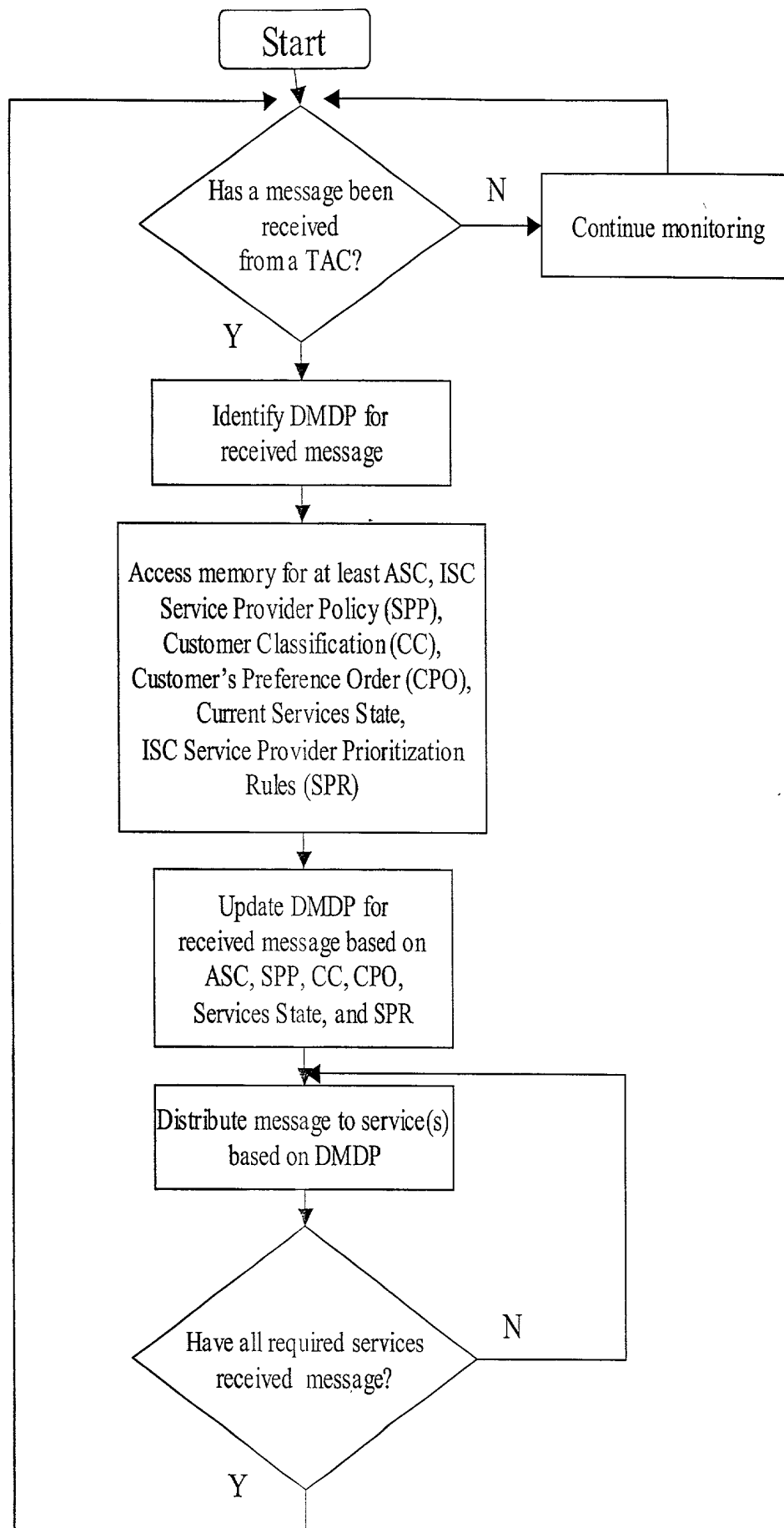


FIG. 7

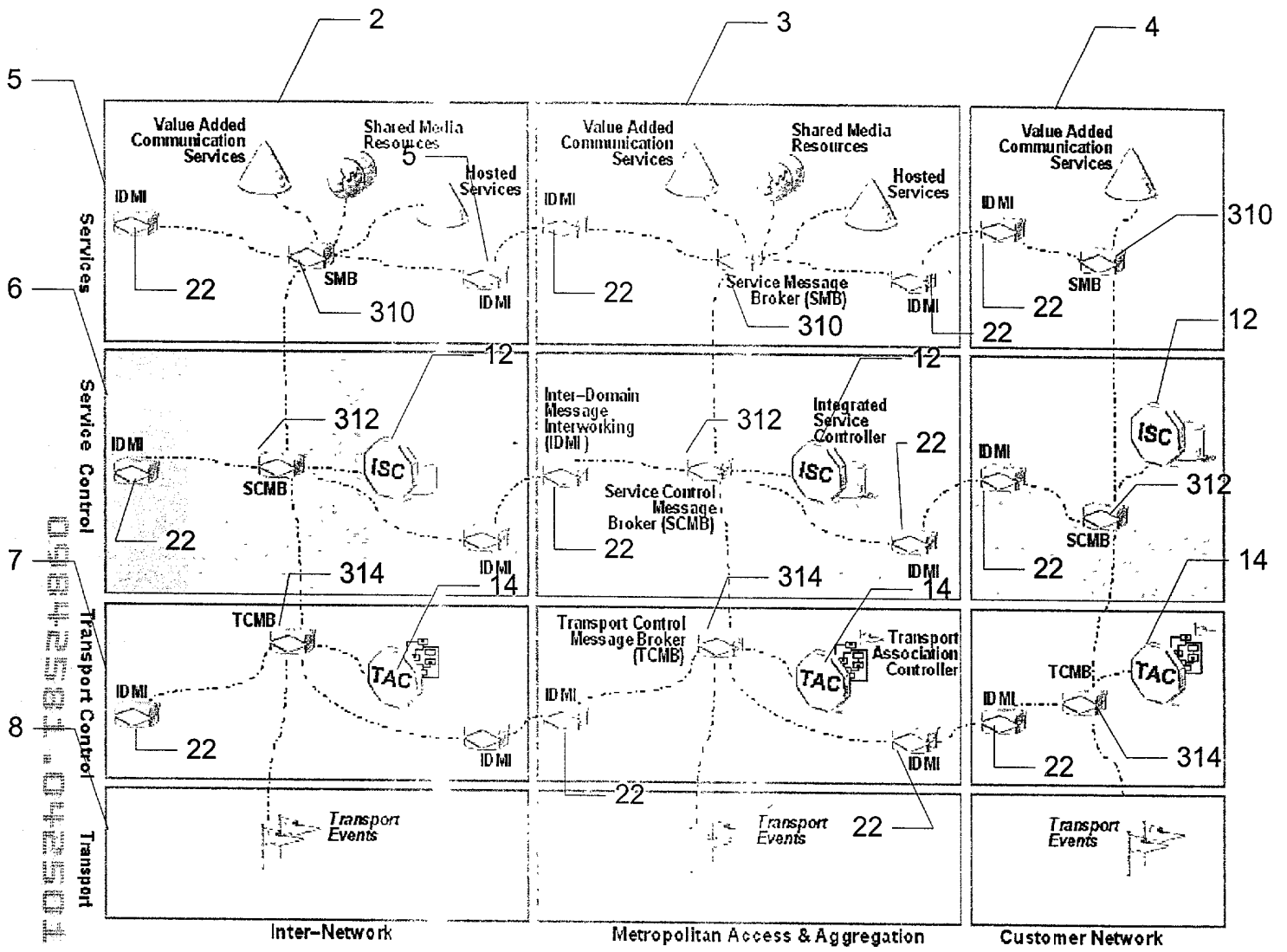


FIG. 8